

### **Amendment to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1. (currently amended) ~~An~~ A recombinant *E. coli* host cell comprising:
  - (a) a gene encoding a recombinant antibody, and
  - (b) a gene encoding an endogenous protein that has at least one genetic alteration that results in modification of at least one physical property of the endogenous protein at least one endogenous protein that, when unmodified, co-purifies with a recombinant antibody expressed by the host cell such that the endogenous protein does not co-purify with the recombinant antibody.
2. (original) The host cell of claim 1 where the physical property of the endogenous protein that is modified is the isoelectric point, hydrophobicity or size.
3. (original) The host cell of claim 2 where the physical property of the endogenous protein that is modified is the isoelectric point.
4. (original) The host cell of claim 1 where the modified endogenous protein is Phosphate binding protein (PhoS/PstS), Dipeptide binding protein (DppA), Maltose binding protein (MBP) or thioredoxin 1.
5. (original) The host cell of claim 1 where the modified endogenous protein is Phosphate binding protein (PhoS/PstS).
6. (original) The host cell of claim 4 where the isoelectric point of the endogenous protein is modified by the addition of a poly-aspartic acid tag to the C-terminus.
7. (original) The host cell of claim 5 where the isoelectric point of the Phosphate binding protein (PhoS/PstS) is reduced by substituting one or more lysines at residues 110, 265, 266 or

318 with glutamine or aspartic acid.

8. (original) The host cell of claim 7 where the isoelectric point of the Phosphate binding protein (PhoS/PstS) is reduced further by the addition of a poly-aspartic acid tag to the C-terminus.

9. (original) The host cell of claim 5 where the isoelectric point of the Phosphate binding protein (PhoS/PstS) is reduced by substituting the lysines at residues 265 and 266 with glutamine and by the addition of a poly-aspartic acid tag to the C-terminus.

10. (original) The host cell of claim 5 where the isoelectric point of the Phosphate binding protein (PhoS/PstS) is reduced by substituting the lysines at residues 110, 265 and 266 with glutamine and by the addition of a poly-aspartic acid tag to the C-terminus.

11. (original) The host cell of claim 1 wherein the recombinant antibody is a Fab or a Fab' fragment.

12. (original) A method of manufacturing a recombinant antibody comprising fermenting a host cell of claim 1.